CLAIMS

1. A fluoropolymer composition comprising a methylene group-containing fluoropolymer (A) and a hydrosilylation catalyst (B),
wherein said methylene group-containing fluoropolymer (A) has methylene group-containing repeating units in the main chain thereof and is capable of hydrosilylation in the presence of said hydrosilylation catalyst (B) and one terminus of the chain is a carbon-carbon double bond or an Si-H group and the other terminus of the chain is an Si-H group or a carbon-carbon double bond.

2. The fluoropolymer composition according to Claim 1, wherein the methylene group-containing fluoropolymer (A) is a vinylidene fluoride-based copolymer.

3. The fluoropolymer composition according to Claim 1 or 2, wherein the methylene group-containing fluoropolymer (A) has fluidity at ordinary temperature.

4. The fluoropolymer composition according to Claim 1, 2 or 3, wherein the methylene group-containing fluoropolymer (A) has a number average molecular weight of not lower than 500 but not higher than 20000.

5. The fluoropolymer composition according to Claim 1, 2, 3 or 4,
which comprises the methylene group-containing fluoropolymer (A), the hydrosilylation catalyst (B) and a hydrosilylation reaction-capable compound (C),
wherein said hydrosilylation reaction-capable compound (C) is a compound capable of hydrosilylation with said methylene group-containing fluoropolymer (A),
each of both the main chain termini in said methylene

group-containing fluoropolymer (A) is a carbon-carbon double bond and
said hydrosilylation reaction-capable compound (C) is an Si-H group-containing compound (C1) having at least two Si-H groups within a molecule thereof.

6. The fluoropolymer composition according to Claim 1, 2, 3 or 4,
which comprises the methylene group-containing fluoropolymer (A), the hydrosilylation catalyst (B) and a hydrosilylation reaction-capable compound (C),
wherein said hydrosilylation reaction-capable compound (C) is a compound capable of hydrosilylation with said methylene group-containing fluoropolymer (A),
each of both the main chain termini in said methylene group-containing fluoropolymer (A) is an Si-H group and said hydrosilylation reaction-capable compound (C) is a double bond-containing compound (C2) having at least two carbon-carbon double bonds within a molecule thereof.

7. The fluoropolymer composition according to Claim 5 or 6, wherein the hydrosilylation reaction-capable compound (C) comprises a hydrosilylation reaction-capable polymer (Cp).

8. The fluoropolymer composition according to Claim 7, wherein the hydrosilylation reaction-capable polymer (Cp) is a silicone rubber and/or a fluorosilicone rubber.

9. The fluoropolymer composition according to Claim 8, wherein the silicone rubber and/or the fluorosilicone rubber occurs as a liquid at ordinary temperature.

10. A cured material which is obtained from the fluoropolymer composition according to Claim 1, 2, 3, 4, 5,

6, 7, 8 or 9.

11. A coating agent which comprises the fluoropolymer composition according to Claim 1, 2, 3, 4, 5, 6, 7, 8 or 9.

12. A layered article which comprises a substrate and a coating layer obtained by applying the coating agent according to Claim 11 to said substrate.

13. A substrate-integrated molded material which is molded from the fluoropolymer composition according to Claim 1, 2, 3, 4, 5, 6, 7, 8 or 9 on a substrate by FIPG method or LIM molding method,
wherein said substrate-integrated molded material is a packing material.

14. A gasket for magnetic recorder (hard disk drive) which is made from the fluoropolymer composition according to Claim 1, 2, 3, 4, 5, 6, 7, 8 or 9.

15. A sealing material for a fuel cell,
wherein said sealing material is made from the fluoropolymer composition according to Claim 1, 2, 3, 4, 5, 6, 7, 8 or 9.

16. A sealing material for a clean equipment,
wherein said sealing material is made from the fluoropolymer composition according to Claim 1, 2, 3, 4, 5, 6, 7, 8 or 9.

17. A method of molding a packing material, wherein said packing material is molded from the fluoropolymer composition according to Claim 3 by FIPG method or LIM molding method.

18. A methylene group-containing fluoropolymer which is selected from the group consisting of vinylidene fluoride-based copolymer (I), tetrafluoroethylene-propylene-based copolymer (II) and hexafluoropropylene-ethylene-based copolymer (III),
wherein each of both main chain termini is an Si-H group, and
the number average molecular weight of said methylene group-containing fluoropolymer is 500 to 500000.